

UNITED STATES DEPARTMENT OF AGRICULTURE

FEDERAL HORTICULTURAL BOARD

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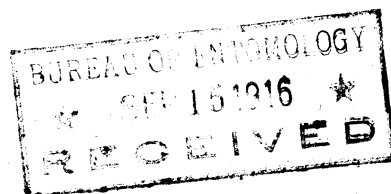
DEAR SIR: Perhaps the most important interception made since the issuance of Letter of Information No. 21 has been the finding of citrus canker on citrus from Java, Philippine Islands, and Straits Settlements. A single empty cocoon and larval skin of the gipsy moth has been detected on apple stock from France, and two complete and six partial egg masses of the gipsy moth have been taken on Thuya from Japan. One empty and two complete nests of the brown-tail moth have been located on fruit stock from France.

Dead larvae of the pink boll worm have been found in cotton seed from China. This cotton seed was exhibited at the San Francisco Exposition in boxes covered with glass, and at the close of the Exposition was turned over to the Department of Agriculture. The mango weevil has been taken from mango seed from Siam, and what appears to be an olive pest, *Parlatoria calianthina*, on olive from Greece. Cocoon plants from Honduras exhibited an infestation of *Aspidiotus palmarum*, and cinnamon from Jamaica was infested with the pyriform scale (*Pulvinaria pyriformis*).

In this and future Letters of Information no reference will be made to such indefinite records as "Coleoptera," "Lepidoptera," "larvae," "eggs," etc. Reports containing such information are frequently received, and it is earnestly requested that definite records be furnished concerning future interceptions. In case of doubt this office will gladly assist in the identification of pests intercepted.

Yours, very truly,

C. L. MARLATT,
Chairman of Board.



LIST, BY COUNTRIES, OF PESTS COLLECTED.

[The number in parentheses following name of host indicates the number of times reported.]

Country of origin and name of pest.	Host.
ARABIA.	
Insects:	
Rhizopertha dominica (lesser grain borer).....	Yeheb nuts (1).
Tribolium confusum (confused flour beetle).....	Do.
ARGENTINA.	
Disease:	
Heterodera radiculicola (nematode).....	Solanum sp. (wild potato) (1).
AUSTRALIA.	
Insect:	
Sitodrepa panicea (Ptinidae).....	Grass seed (1).
Diseases:	
Cladosporium carpophilum.....	Prunus persica (1).
Fusarium sp.....	Pisum arvense (1), wheat (3).
Gloeosporium opuntiae.....	Opuntia sp. (1).
Helminthosporium.....	Wheat (3).
Puccinia graminis.....	Wheat (1).
BELGIUM.	
Insects:	
Aleyrodes sp. (white fly).....	Azalea (1).
Aspidiotus britannicus (scale insect).....	Bay (2).
Coccus hesperidum (soft brown scale).....	Bay (4).
Diaspis echinocacti cacti (scale insect).....	Cactus (1).
Eucalymnatus tessellatus (scale insect).....	Gardenia (1).
Diseases:	
Exobasidium rhododendri.....	Azalea (1).
Exobasidium sp.....	Azalea (5).
Volutella buxi.....	Boxwood (1).
BERMUDA.	
Insects:	
Diaspis zamiae (scale insect).....	Sago palm (1).
Saissetia hemisphaerica (hemispherical scale).....	Metroxylon sagu (1).
BRAZIL.	
Insects:	
Calandra oryza (rice weevil).....	Pera de campo seeds (1), pitanga seeds (1).
Carpophilus dimidiatus (sap-beetle).....	Cacti (1).
Caryoborus bactris (Bruchidae).....	Dactyloctenium aegyptium (1).
Cathartus advena (foreign grain beetle).....	In debris from seeds of Carica papaya (1), Pera de campo seeds (1).
Cerataphis lataniae (palm aphid).....	Orchid (1).
Chrysauginae, larva of (Pyralidae).....	Do.
Chrysso sp. (Theridiidae).....	Do.
Microcentrum sp., eggs.....	Do.
Pseudococcus sp. (mealy bug).....	Do.
Silvanus advena (Cucujidae).....	Cacti (1).
Diseases:	
Chaetodiplodia sp.....	Orchid (1).
Colletotrichum lindemuthianum.....	Phaseolus lunatus (white Lima bean) (1).
Diplodia cacaoicola.....	Theobroma cacao (cacao fruits) (1).
BRITISH GUIANA.	
Insect:	
Bruchus n. sp. (weevil).....	Dolichos lablab (1).

List, by countries, of pests collected—Continued.

Country of origin and name of pest.	Host.
CANADA.	
Disease: Uromyces hedysari-obscuri.....	Hedysarum boreale (1).
CANAL ZONE.	
Insects: Aspidiotus cyanophylli (scale insect)..... Chrysomphalus personatus (masked scale)..... Hemichionaspis minor (white scale of cotton)..... Rhizoglyphus hyacinthi (bulb mite)..... Targionia bifornis (scale insect).....	Orchid (1). Do. Do. White Yampee (yam) (1). Orchid (1).
Diseases: Diplodia tubericola (Java black rot).....	Colocasia sp. (twin dasheen) (1), yam (3).
CHILE.	
Insects: Aspidiotus hederae (ivy scale)..... Blapstinus punctulatus..... Brachymyrmex levis var. fuscus (ant)..... Trogosita virescens.....	Annona sp. (1). Do. Do. Do.
CHINA.	
Insects: Aspidiotus perniciosus (San Jose scale)..... Bruchus obtectus (bean weevil)..... Bruchus sp. (weevil)..... Gelechia gossypiella (pink boll worm)..... Parlatoria chinensis (scale insect).....	Jujube (Zizyphus) (1). Paradise tree seed (1). Soap bean (1). Cotton seed (1). Peach (2).
Diseases: Helminthosporium sp. Puccinia graminis..... Tilletia foetens.....	Wheat (2). Wheat (1). Do.
COLOMBIA.	
Insects: Camponotus sp. (ant)..... Cyphomyrmex salvini (undescribed variety of fungus-growing ant)..... Dermestes vulpinus (beetle)..... Leaf miners..... Noctuid larva..... Odontomachus haematoda (ant)..... Periplaneta australasiae (Australian roach)..... Telephanus sp. (Cucujidae)..... Tenthecoris bicolor (Capsidae)..... Tetramorium guineense (ant).....	Orchid (1). Do. Do. Do. Do. Orchid (?) (1). Orchid (1). Orchid, but not an orchid insect (1). Orchid (4). Orchid (1).
COSTA RICA.	
Insects: Cerataphis lataniae (palm aphid)..... Coccus elongatus (long scale)..... Lepidosaphes gloverii (Glover's scale)..... Lepidosaphes sp. (scale insect)..... Parlatoria crotonis (scale insect).....	Orchid (1). Croton leaves (2). Croton leaves (1). Croton leaves (3). Croton leaf (1).
CUBA.	
Insects: Cerataphis lataniae (palm aphid)..... Diaspis boisduvalii (scale insect)..... Hoplatrinus pallus (Tenebrionidae)..... Pseudonidia articulatus (scale insect)..... Pseudococcus sp. (mealy bug)..... Red spider.....	Latania borbonica (2). Latania borbonica (1). Pine (1). Pandanus sp. (1). Pineapple slips (plants) (1). Do.
EGYPT.	
Insects: Bruchus sp. (weevil)..... Laria rufimana (weevil).....	Vicia faba (1). Do.

List, by countries, of pests collected—Continued.

Country of origin and name of pest.	Host.
ENGLAND.	
Insects:	
Anystis sp.	Cytisus dallimorei (1).
Aphid eggs	Apple (1).
Aphids	Staphylea colchica (?) (1).
Bryobia pratensis (clover mite)	Apple (2), peach (1), plum (1).
Chionaspis salicis (scale insect)	Green ash cross-stick (1).
Emphytus cinctus (sawfly)	Do.
Eriosoma lanigera (woolly aphid)	Apple (1).
Lepidosaphes ulmi (oyster-shell scale)	Apple (1), Crataegus (1).
Rhizoglyphus hyacinthi (bulb mite)	Montbretias bulbs (1).
Sitodrepa panicea (Ptinidae)	Tomato seed (1).
Tingitid eggs (lacewing)	Rhododendron (1).
Tyroglyphus siro (mite)	Rose cuttings (1).
Diseases:	
Bacterium tumefaciens (crown gall)	Peach (1), raspberry (1), rose stocks (9).
Bacterium tumefaciens (hairy root)	Apple (1).
Botrytis sp.	Scotch broom (1), Viola (1).
Botrytis sp. Conidia & Sclerotia	Cypella Herbertis (1).
Cladosporium sp.	Raspberry (4).
Coniothyrium fuckelli	Do.
Corticium vagum, var. solani	Irish potato (3).
Oospora scabies (common potato scab)	Irish potato (2).
Phoma sp.	Raspberry (1), Syringa losika (1).
Phragmidium	Raspberry (1).
Sclerotia	Cypella platensis (1).
Spongospora subterranea (powdery scab)	Irish potato (3).
FRANCE.	
Insects:	
Apatela auricoma (dagger moth)	Barberry (1), Caragana arborescens (1), cherry (2), fruit stocks (1), pear (1), plum seedlings (1), rose (1), Spirea sorbifolia (1), Weigelia rosea (1).
Aphid eggs	Beech (1).
Aphids	Apple (1), barberry (4), mountain laurel (1), Picea excelsa (1).
Aulacaspis rosae (rose scale)	Rose (1).
Borers.	Birch, near root portion (1); Bolleana poplars, in roots of (1); Malus angusti- folia, root of (1).
Coccus hesperidum (soft brown scale)	Evergreen shrubs (1).
Emphytus cinctus (sawfly)	Rose (6).
Epidiaspis piricola (European pear scale)	Apple (1), fruit tree stocks (1), pear (2).
Eriosoma lanigera (wooly aphid)	Apple (8), Doucin stock (1), flowering crab trees (1), fruit stocks (1), spruce trees (1).
Eriosoma sp.	Pear (4).
Euproctis chrysorrhoea (brown-tail moth) (empty nest)	Fruit stocks (1).
Euproctis chrysorrhoea (brown-tail moth) (nest)	Fruit stocks (1), paradise apple stocks (1).
Lachnus fasciatus (aphid)	Picea sp. (1).
Lachnus hyalinus (aphid)	Picea excelsa (3).
Lachnus sp. (aphid)	Juniperus virginiana (1)
Laria pisorum (bean weevil)	Peas (1).
Laria rufimana (weevil)	Do.
Leaf roller	Hypericum patulum (1).
Lecanium sp. (scale insect)	Fraxinus sp. (1).
Lepidosaphes ulmi (oyster-shell scale)	Apple (1), boxwood (1), pear (1), plum (1).
Monarthropalpus buxi (box leaf miner)	Boxwood (2).
Notolophus antiqua (European tussock moth) (cocoons)	Cherry (1), fruit tree stocks (2).
Notolophus antiqua (European tussock moth) (egg mass)	Birch (1), cherry (1), plum (2), rose (2).
Porthetria dispar (gipsy moth) (empty cocoon and larval skin)	Apple stock (1).
Red spider	Pittosporum plants (1).
Sawfly cocoon	Quince (1).
Sitodrepa panicea (Ptinidae)	Lettuce seed (1).
Zeuzera pyrina (leopard moth)	Paradise apple stock (1).

List, by countries, of pests collected—Continued.

Country of origin and name of pest.	Host.
FRANCE—continued.	
Diseases:	
Ascomycete, immature.....	Apple stock (1).
Bacillus amylovorus (blight).....	Pear (1).
Bacterium tumefaciens (crown gall).....	Alnus glutinosa (1), apple (2), Crataegus coccinea (1), Crataegus sp. (1), Cydonia japonica (1), Doucin stocks (1), fruit stocks (4), Japanese quince (1), Lonicera (2), pear (7), plum (1), Prunus pissardi (1), Prunus sp. (1), rose (4), snowball (1), Syringa (1), Weigelia (1).
Bacterium tumefaciens (hairy root).....	Apple (5), Paradise apple stocks (1).
Dendrodochium albo-cinereum.....	Norway maples (1).
Frankia sp. (root knot).....	Elaeagnus (1).
Fusarium sp.....	Canna roots (1).
Nectria sp.....	Maple (1).
Nematodes in twigs.....	Prunus persica (peach) (1).
Phoma sp.....	Cherry (1).
Phyllosticta sp.....	Cherry (1), Cornus sanguinea (1), Coronilla emerus (1), linden (1).
GREECE.	
Insects:	
Bruchophagus sp.....	Astragalus seed (1).
Parlatoria callanthina (scale insect).....	Olive trees (1).
Saissetia oleae (black scale).....	Do.
Disease:	
Sphace lotheca sorghi (smut).....	Andropogon sorghum (broom corn) (1).
GUADELOUPE, FRENCH WEST INDIES.	
Insects:	
Pseudococcus citri (citrus mealy bug).....	Chayotes (1).
Saissetia oleae (black scale).....	Do.
GUATEMALA.	
Disease:	
Puccinia graminis.....	Wheat (1).
HOLLAND.	
Insects:	
Agelastica alni (Chrysomelidae).....	Boxwood (1), evergreen shrubs (1), ? (2).
Agriotes sp.....	In soil around azaleas (1), in soil around rhododendrons (1).
Apanteles sp.....	Azalea (1).
Apatela auricoma (dagger moth) (pupa).....	Rose (1).
Aphid eggs.....	Beech (1), birch (2), Norway maple (1).
Aphids.....	Apple (1), barberry (2), Crataegus (1), maple (4), Picea alba (1).
Bombus sp.....	Boxwood (1).
Capsid.....	Myrobalan plums (1).
Chaitophorus aceris (aphid).....	Norway maple (3).
Chionaspis euonymi (Euonymus scale).....	Euonymus (1).
Chrysomelid (beetle).....	Evergreen shrubs (1).
Coccus hesperidum (soft brown scale).....	Bay (2).
Diaspis carueli (Juniper scale).....	Japan Golden Juniper (1), Juniperus reevesiana (1).
Elaterid larvae (wireworms).....	In soil around Clematis (1).
Eriophyes buxi (mite).....	Boxwood (1).
Eriosoma lanigera (woolly aphis).....	Malus—flowering crab (1).
Leaf hopper, nymph.....	Boxwood (1).
Lepidosaphes ulmi (oyster-shell scale).....	Apple (3), beech, purple (1), boxwood (90), Crataegus (1), evergreen shrubs (1), Japanese maples (1), mountain ash (Sorbus americana) (1), pear (2).
Leptobyrsa explanata (Tingitidae) (eggs).....	Rhododendron (5).
Mamestra sp. (Noctuidae).....	Rhododendron (1).
Mite[eggs].....	Junipers (9), Retinospora (1).

List, by countries, of pests collected—Continued.

Country of origin and name of pest.	Host.
HOLLAND—continued.	
Insects—Continued.	
Mites.....	Boxwood (2).
Monarthropalpus buxi (box leaf miner).....	Boxwood (6).
Myzus sp. (aphid).....	Hortensia (1).
Notolophus antiqua (European tussock moth) (eggs).....	Azalea (1), Boxwood (1), Magnolia (1), maple (3), rose (1).
Phyllaphis fagi (eggs).....	Beech (1).
Pseudococcus sp. (mealy bug).....	Boxwood (1), Camellia (1).
Psylla buxi (box psylla).....	Boxwood (22).
Red spiders.....	Sciadopitys (1), Taxus (1).
Rhizoglyphus hyacinthi (bulb mite).....	Hyacinth bulb (1).
Slugs.....	Spruce (1).
Tingitid eggs (lacewing).....	Rhododendron (3).
Wireworms.....	In dirt surrounding roots of Retinospora sp. (1).
Diseases:	
Bacterium tumefaciens (crown gall).....	Clematis (1); Cytisus laburnum (1); flowering cherry (2); horse chestnut, root of (1); hydrangea (2); maple (1); rose (3).
Bacterium tumefaciens (hairy root).....	Malus spectabilis (1), Rhododendron (2).
Botrytis cinerea.....	Rose (1).
Botrytis sp.....	Lathyrus sp. (pea family) (2), rose (1).
Fusarium sp.....	Rose (1).
Nectria cinnabarina (coral-spot fungus).....	Maple (2).
Pestalozzia guepini.....	Andromeda (1), rhododendron (13).
Pestalozzia sp.....	Kalmia latifolia (?) (1), rhododendron (4).
Phyllosticta aucubicola.....	Aucuba (1).
Phyllosticta magnoliae.....	Magnolia (1).
Phyllosticta sp.....	Hedera helix (English ivy) (2), rhododen- dron (1).
Twig blight.....	Pear stock (1).
Vermicularia sp.....	Lathyrus sylvestris (pea family) (1).
Volutella buxi.....	Boxwood (3).
HONDURAS.	
Insects:	
Aleyrodes sp. (white fly).....	Coconut plants (1).
Aspidiotus (Hemiberlesia) palmarum (scale insect).....	Do.
Ischnaspis longirostris (scale insect).....	Do.
Pinaspis buxi (scale insect).....	Do.
Pseudococcus virgatus farinosus (mealy bag).....	Do.
Pseudococcus sp. (mealy bug).....	Do.
Rhizoglyphus hyacinthi (bulb mite).....	Palm seeds (1).
Disease:	
Gloeosporium opuntiae.....	Cactus plants (1).
INDIA.	
Diseases:	
Alternaria sp.....	Wheat (1).
Cladosporium citri.....	Hesperethusa crenulata (1), Limonia acidissima (1).
Fusarium sp.....	Wheat (1).
Helminthosporium sp.....	Do.
Phyllachora tricholaenae.....	Tricholaena rosea (1).
Puccinia graminis.....	Wheat (3).
IRELAND.	
Diseases:	
Corticium vagum, var. solani (Rhizoctonia).....	Irish potato (1).
Spongospora subterranea (powdery scab).....	Do.
ISLE OF PINES.	
Insect:	
Asterolecanium aureum (scale insect).....	Orchid (1).

List, by countries, of pests collected—Continued.

Country of origin and name of pest.	Host.
JAMAICA.	
Insects:	
Aspidiotus camelliae (greedy scale).....	Agave Wightii (1).
Chrysomphalus ficus (Florida red scale).....	Palm seedling (1).
Diaspis boisduvalii (scale insect).....	Do.
Diaspis pentagona (West Indian peach scale).....	Jasmine (1).
Hemichionaspis minor (white scale of cotton).....	Agave Wightii (1).
Pinnaspis buxi (scale insect).....	Dracaena sp. (1).
Pseudaonidia articulatus (scale insect).....	Cinnamon (1).
Pseudischnaspis bowreyi (scale insect).....	Agave Wightii (1).
Pseudococcus nipae (palm mealy bug).....	Cocos nucifera (1).
Pulvinaria pyriformis (pyriform scale).....	Cinnamon (1).
Vinsonia stellifera (stellate scale).....	Deciduous wild shrub (1).
Diseases:	
Anthraxnose (Gloeosporium sp.).....	Prosopis juliflora (1).
Macrophoma sp.....	Do.
Macrosporium, spotting due to.....	Do.
Phoma sp., spotting due to.....	Do.
JAPAN.	
Insects:	
Agromyza websteri (wistaria gall fly).....	Wistaria (1).
Aleyrodes sp. (white fly).....	Gardenia (1).
Antonina crawii (scale insect).....	Bamboo (2).
Aphid eggs.....	Cherry (1).
Aspidiotus tsugae (hemlock scale).....	Hemlock (2).
Ceroplastes ceriferus (wax scale).....	Camellia (1).
Chionaspis wistariae (wistaria scale).....	Wistaria (1).
Chrysomphalus ficus (Florida red scale).....	Aspidistra lurida (1), Olea fragrans (1).
Cicada eggs.....	Persimmon (3), wistaria (1).
Diaspis pentagona (West Indian peach scale).....	Cherry (2), Japanese flowering cherry (1).
Earwig (Forficulidae).....	In straw packing of Cycas stems (1).
Gracilaria zachrysa (leaf miner).....	Azalea (3).
Grubs, white.....	In straw packing of Cycas stems (1).
Hemichionaspis aspidistrae (aspidistra scale).....	Aspidistra (4).
Isotoma sp. (spring tail).....	Satoimo tubers (1).
Lepidosaphes lasianthi (scale insect).....	Camellia (3).
Lepidosaphes newsteadii (scale insect).....	Umbrella pines (2).
Mantis eggs.....	Persimmon (1), Retinospora obtusa (1), umbrella pines (1), ? (1).
Mites.....	Cycas stems (1).
Noctuid moths, adults.....	In packing (1).
Pachymerus chinensis (cowpea weevil).....	In "Nok too" seeds (1).
Paratenodera sinensis, egg mass.....	Pine (2).
Parlatoria pergandei (chaff scale).....	Maple (1).
Parlatoria sp. (scale insect).....	Japanese flowering cherry (1).
Porthetria dispar (gipsy moth) (2 complete and 6 partial egg masses).....	Thuya (1).
Pseudaonidia duplex (scale insect).....	Azalea (1), Camellia (1).
Pseudaonidia paeoniae (scale insect).....	Azalea (2), Camellia (3), Rhododendron (1).
Pseudococcus sp. (mealy bug).....	Azalea (6), Taonaba (1), Wistaria (1).
Pseudoscorpion.....	In packing (1).
Psyllid.....	Aralia (1).
Thyridopteryx sp. (bagworm).....	Azalea (1), Retinospora obtusa (1), um- brella pines (1), ? (1).
Diseases:	
Colletotrichum gloeosporioides.....	Citrus (23).
Coniothyrium sp.....	Persimmon (1).
Diaporthe parasitica (chestnut-bark disease).....	Chestnut (1).
Fusarium sp.....	Aralia cordata (Udo roots) (1), Beta seed (1).
Myxosporium sp.....	Chestnut (1).
Phoma sp.....	Beta (beet seed) (1), Persimmon (1), Diospyros sp. (?) (Mame Gaki-Male tree) (1), Frunus (4).
Pseudomonas citri (canker).....	Citrus (5).
Puccinia phyllostachydis.....	Phyllostachys aurea (1).
Puccinia sp.....	Bambusa vulgaris (bamboo) (1).
Uromyces lespedezae.....	Lespedeza bicolor (1).

List, by countries, of pests collected—Continued.

Country of origin and name of pest.	Host.
JAVA.	
Insect: Tyroglyphus sp. (mite).....	Mangifera caesia (1).
Diseases: Aspergillus sp.	Citrus decumana (1).
Colletotrichum gloeosporioides.....	Citrus (1).
Coniothyrium sp.	Citrus decumana (1).
Fusarium sp.	Do.
Lasiodiplodia sp.	Nephelium lappaceum (1).
Phyllosticta sp.	Citrus (1).
Pseudomonas citri (canker).....	Citrus decumana (1), Citrus sp. (1).
MADAGASCAR.	
Insect: Silvanus signatus (Cucujidae).....	Seed Hyphaene coriacea (1).
MEXICO.	
Insects: Diaspis boisduvalii (scale insect)	Orchid (1).
Pseudoparlatoria parlatorioides (scale insect).....	Do.
Tenthecoris bicolor (Capsidae).....	Orchid (1), Orchid, wild (1).
NEW ZEALAND.	
Diseases: Claviceps sp.	Lolium perenne (rye grass) (1).
Fusarium.....	Wheat (1).
Ustilago hordei (smut).....	Barley (2).
NICARAGUA.	
Insect: Cerataphis lataniae (palm aphid).....	Orchid (1).
PERU.	
Insect: Catorama sp. (Ptinidae).....	In cotton seed (1).
PHILIPPINE ISLANDS.	
Insects: Diaspis boisduvalii (scale insect).....	Orchid (1).
Pseudococcus sp. (mealy bug).....	Do.
Diseases: Pestalozzia sp.	Aegle glutinosa (1).
Phoma sp.	Do.
Pseudomonas citri (canker).....	Do.
RUSSIA.	
Insect: Bruchus sp. (weevil).....	In Halimodendron argenteum (1).
Diseases: Claviceps purpurea.....	Agropyron cristatum (3), Agropyron desertorum (3).
Fumago vagans.....	Syringa emodi (1).
Gloeosporium sp.	Acer spicatum ukurunduense (maple) (1), Acer tegmentosum (maple) (1), Fraxinus mandschurica (ash) (1).
Phoma sp.	Fraxinus mandschurica (ash) (1).
SCOTLAND.	
Disease: Bacterium tumefaciens (crown gall).....	Rose (2).
SIAM.	
Insect: Cryptorhynchus mangiferae (mango weevil).....	Mango seed (1).

List, by countries, of pests collected—Continued.

Country of origin and name of pest.	Host.
SPAIN.	
Insect: Calandra granaria (granary weevil).....	Chick pea (seed) (1).
STRAITS SETTLEMENTS.	
Diseases: Aspergillus.....	Citrus decumana (1).
Pseudomonas citri (canker).....	Do.
TRANSVAAL, SOUTH AFRICA.	
Disease: Puccinia graminis.....	Lolium perenne (rye grass) (1), Secale cereale (rye) (1), wheat (2).
TRINIDAD, BRITISH WEST INDIES.	
Insects: Chrysomphalus ficus (Florida red scale).....	Latania borbonica (1).
Pseudaonidia articulatus (scale insect).....	Areca sp. (1).
Disease: Macrophoma sp.	Prosopis juliflora (1).
TURKEY.	
Insect: Ephestia sp. (Phycitidae).....	In peach seeds (1).

LIST, BY STATES, OF PESTS COLLECTED.

[The number in parentheses following name of country indicates the number of times reported.]

State in which collected and name of pest.	Host.	Country of origin.
ALABAMA.		
Diseases:		
Coniothyrium sp.	Persimmon.....	Japan (1).
Phoma sp.	do.....	Do.
ARKANSAS.		
Insect:		
Eriosoma sp.	Pear.....	France (1).
Diseases:		
Bacillus amylovorus (blight).....	do.....	Do.
Bacterium tumefaciens (crown gall).....	do.....	Do.
Phoma sp.	Cherry.....	Do.
Phyllosticta sp.	do.....	Do.
CALIFORNIA.		
Insects:		
Agromyza websteri (wistaria gall fly).....	Wistaria.....	Japan (1).
Aleyrodes sp. (white fly).....	Gardenia.....	Do.
Antonina crawii (scale insect).....	Bamboo.....	Do.
Aspidiotus britannicus (scale insect).....	Bay.....	Belgium (2).
Cerataphis lataniae (palm aphid).....	Orchid.....	Brazil; (1); Costa Rica (1); Nicaragua (1).
Ceroplastes ceriferus (wax scale).....	Camellia.....	Japan (1).
Chionaspis wistariae (wistaria scale).....	Wistaria.....	Do.
Chrysomphalus ficus (Florida red scale).....	Aspidistra lurida.....	Do.
Cicada eggs.....	Persimmon.....	Japan (3).
Do.....	Wistaria.....	Japan (1).
Coccus hesperidum (soft brown scale).....	Bay.....	Belgium (2).
Diaspis boisduvalii (scale insect).....	Orchid.....	Philippine Islands (1).
Hemichionaspis aspidistrae (aspidistra scale).....	Aspidistra.....	Japan (4).
Lepidosaphes lasianthi (scale insect).....	Camellia.....	Japan (3).
Lepidosaphes newsteadii (scale insect).....	Umbrella pines.....	Japan (2).
Lepidosaphes ulmi (oyster-shell scale).....	Boxwood.....	Holland (3).
Mantis eggs.....	Persimmon.....	Japan (1).
Do.....	Retinospora obtusa.....	Do.
Do.....	Umbrella pines.....	Do.
Do.....	?.....	Do.
Monarthropalpus buxi (box leaf miner).....	Boxwood.....	France (1).
Noctuid moths, adults.....	In packing.....	Japan (1).
Parlatoria calianthina (scale insect).....	Olive trees.....	Greece (1).
Porthetria dispar (gipsy moth) (2 complete and 6 partial egg masses).....	Thuya.....	Japan (1).
Pseudaonidia duplex (scale insect).....	Azalea.....	Do.
Do.....	Camellia.....	Do.
Pseudaonidia paeoniae (scale insect).....	Azalea.....	Japan (2).
Do.....	Camellia.....	Japan (3).
Pseudococcus sp. (mealy bug).....	Azalea.....	Japan (3).
Do.....	Orchid.....	Brazil (1).
Do.....	do.....	Philippine Islands (1).
Do.....	Taonaba.....	Japan (1).
Do.....	Wistaria.....	Do.
Psyllid.....	Aralia.....	Do.
Saissetia oleae (black scale).....	Olive trees.....	Greece (1).
Thyridopteryx sp. (bagworm).....	Azalea.....	Japan (1).
Do.....	Retinospora obtusa.....	Do.
Do.....	Umbrella pines.....	Do.
Do.....	?.....	Do.

List, by States, of pests collected—Continued.

State in which collected and name of pest.	Host.	Country of origin.
CALIFORNIA—continued.		
Diseases:		
Bacterium tumefaciens (crown gall).....	Fruit stocks.....	France (1).
Colletotrichum gloeosporioides.....	Citrus.....	Japan (23).
Diaporthe parasitica (chestnut-bark disease).....	Chestnut.....	Japan (1).
Pseudomonas citri (canker).....	Citrus.....	Japan (5).
CONNECTICUT.		
Insects:		
Agelastica alni (Chrysomelidae).....	Evergreen shrubs.....	Holland (1).
Do.....	?.....	Holland (2).
Capsid.....	Myrobalan plums.....	Holland (1).
Chionaspis salicis (scale insect).....	Green ash cross stick.....	England (1).
Emphytus cinctus (sawfly).....	do.....	Do.
Do.....	Rose.....	France (6).
Eriosoma lanigera (woolly aphid).....	Apple.....	France (1).
Do.....	Spruce trees.....	Do.
Lepidosaphes ulmi (oyster-shell scale).....	Boxwood.....	Holland (8).
Notolophus antiqua (European tussock moth) (eggs).....	Maple.....	Holland (2).
Do.....	Rose.....	France (1).
Porthetria dispar (gipsy moth) (empty cocoon and larval skin).....	Apple stock.....	Do.
Pseudanidia paeoniae (scale insect).....	Rhododendron.....	Japan (1).
Diseases:		
Ascomycete, immature.....	Apple stock.....	France (1).
Bacterium tumefaciens (crown gall).....	Rose.....	France (2).
Pestalozzia guepini.....	Rhododendron.....	Holland (1).
Phyllosticta aucubicola.....	Aucuba.....	Do.
Phyllosticta sp.....	Rhododendron.....	Do.
DISTRICT OF COLUMBIA.		
Insects:		
Agrotis sp.....	In soil around azeleas.....	Holland (1).
Do.....	In soil around rhododendrons.....	Do.
Anystis sp.....	Cytisus dallimorei.....	England (1).
Aphids.....	Crataegus.....	Holland (1).
Do.....	Picea alba.....	Do.
Aspidiotus hederæ (ivy scale).....	Annona sp.....	Chile (1).
Aspidiotus perniciosus (San Jose scale).....	Jujube (Zizyphus).....	China (1).
Blapstinus punctulatus.....	Annona sp.....	Chile (1).
Brachymyrmex levis var. fuscus (ant).....	do.....	Do.
Bruchophagus sp.....	Astragalus seed.....	Greece (1).
Bruchus obtectus (bean weevil).....	Paradise tree seed.....	China (1).
Bruchus n. sp. (weevil).....	Dolichos lablab.....	British Guiana (1).
Bruchus sp. (weevil).....	In Halimodendron argenteum.....	Russia (1).
Do.....	Soap bean.....	China (1).
Do.....	Vicia faba.....	Egypt (1).
Calandra granaria (granary weevil).....	Chick pea (seed).....	Spain (1).
Calandra oryza (rice weevil).....	Pera de campo seeds.....	Brazil (1).
Do.....	Pitanga seeds.....	Do.
Carpophilus dimidiatus (sap beetle).....	Cacti.....	Do.
Caryoborus baccatus (Bruchidae).....	Dactyloctenium aegyptium.....	Do.
Cathartus advena (foreign grain beetle).....	In debris from seeds of Carica papaya.....	Do.
Do.....	Pera de campo seeds.....	Do.
Catorama sp. (Ptinidae).....	In cotton seed.....	Peru (1).
Cryptorhynchus mangiferae (mango weevil).....	Mango seed.....	Siam (1).
Diaspis pentagona (West Indian peach scale).....	Cherry.....	Japan (2).
Ephestia sp. (Phycitidae).....	In peach seeds.....	Turkey (1).
Gelechia gossypiella (pink boll worm).....	Cotton seed.....	China (1).
Isotoma sp. (springtail).....	Satimo tubers.....	Japan (1).
Laria pisorum (bean weevil).....	Peas.....	France (1).
Laria rufimana (weevil).....	do.....	Do.
Do.....	Vicia faba.....	Egypt (1).
Lepidosaphes ulmi (oyster-shell scale).....	Boxwood.....	Holland (3).

List, by States, of pests collected—Continued.

State in which collected and name of pest.	Host.	Country of origin.
DISTRICT OF COLUMBIA—continued.		
Insects—Continued.		
Myzus sp. (aphid).....	Hortensia.....	Holland (1).
Pachymerus chinensis (cow pea weevil).....	In "Nok too" seeds.....	Japan (1).
Parlatoria chinensis (scale insect).....	Peach.....	China (2).
Pseudococcus citri (citrus mealy bug).....	Chayotes.....	Guadeloupe, French West Indies (1).
Psylla buxi (box psylla).....	Boxwood.....	Holland (1).
Rhizoglyphus hyacinthi (bulb mite).....	Hyacinth bulb.....	Holland (1).
Do.....	Montbretias bulbs.....	England (1).
Do.....	Palm seeds.....	Honduras (1).
Do.....	White yampee (yam).....	Canal Zone (1).
Rhizopertha dominica (lesser grain borer).....	Yeheb nuts.....	Arabia (1).
Saissetia oleæ (black scale).....	Chayotes.....	Guadeloupe, French West Indies (1).
Silvanus advena (Cucujidae).....	Cacti.....	Brazil (1).
Silvanus signatus (Cucujidae).....	Seed, Hyphaene coriacea.....	Madagascar (1).
Sitodrepa panicea (Ptinidae).....	Grass seed.....	Australia (1).
Do.....	Lettuce seed.....	France (1).
Do.....	Tomato seed.....	England (1).
Tribolium confusum (confused flour beetle).....	Yeheb nuts.....	Arabia (1).
Trogosita virescens.....	Annona sp.....	Chile (1).
Tyroglyphus siro (mite).....	Rose cuttings.....	England (1).
Tyroglyphus sp. (mite).....	Mangifera caesia.....	Java (1).
Diseases:		
Alternaria sp.....	Wheat.....	India (1).
Anthraxnose (Gloeosporium sp.).....	Prosopis juliflora.....	Jamaica (1).
Aspergillus sp.....	Citrus decumana.....	Java (1).
Do.....	do.....	Straits Settlements (1).
Bacterium tumefaciens (crown gall).....	Raspberry.....	England (1).
Botrytis cinerea.....	Rose.....	Holland (1).
Botrytis sp.....	Lathyrus sp. (Pea family).....	Holland (2).
Do.....	Rose.....	Holland (1).
Do.....	Viola.....	England (1).
Botrytis sp. Conidia and Sclerotia.....	Cypella Herbertis.....	England (1).
Chaetodiplodia sp.....	Orchid.....	Brazil (1).
Cladosporium carpophilum.....	Prunus persica.....	Australia (1).
Cladosporium citri.....	Hesperethusa crenulata.....	India (1).
Do.....	Limonia acidissima.....	Do.
Cladosporium sp.....	Raspberry.....	England (4).
Claviceps purpurea.....	Agropyron cristatum.....	Russia (3).
Do.....	Agropyron desertorum.....	Do.
Claviceps sp.....	Lolium perenne (rye grass).....	New Zealand (1).
Colletotrichum gloeosporioides.....	Citrus.....	Java (1).
Colletotrichum lindemuthianum.....	Phaseolus lunatus (white Lima bean).....	Brazil (1).
Coniothyrium fuckelii.....	Raspberry.....	England (4).
Coniothyrium sp.....	Citrus decumana.....	Java (1).
Corticium vagum, var. solani (Rhizoctonia).....	Irish potato.....	Ireland (1).
Diplodia cacaoicola.....	Theobroma cacao (cacao fruits).....	Brazil (1).
Diplodia tubericola (Java black rot).....	Colocasia sp. (twin dasheen).....	Canal Zone (1).
Do.....	Yam.....	Canal Zone (3).
Fumago vagans.....	Syringa emodi.....	Russia (1).
Fusarium sp.....	Aralia cordata (Udo roots).....	Japan (1).
Do.....	Beta (beet seed).....	Japan (1).
Do.....	Canna roots.....	France (1).
Do.....	Citrus decumana.....	Java (1).
Do.....	Pisum arvense.....	Australia (1).
Do.....	Rose.....	Holland (1).
Do.....	Wheat.....	Australia (3).
Do.....	do.....	India (1).
Do.....	do.....	New Zealand (1).
Gloeosporium opuntiae.....	Cactus plants.....	Honduras (1).
Do.....	Opuntia sp.....	Australia (1).

List, by States, of pests collected—Continued.

State in which collected and name of pest.	Host.	Country of origin.
DISTRICT OF COLUMBIA—continued.		
Diseases—Continued.		
Gloeosporium sp.....	Acer spicatum ukurunduense (maple).	Russia (1).
Do.....	Acer tegmentosum (maple).....	Do.
Do.....	Fraxinus mandschurica (ash).....	Do.
Helminthosporium sp.....	Wheat.....	Australia (3).
Do.....	do.....	China (2).
Do.....	do.....	India (1).
Heterodera radicola (nematode).....	Solanum sp. (wild potato).....	Argentina (1).
Lasiodiplodia sp.....	Nephelium lappaceum.....	Java (1).
Macrophoma sp.....	Prosopis juliflora.....	Jamaica (1).
Do.....	do.....	Trinidad, B. W. I. (1).
Macrosporium, spotting due to.....	do.....	Jamaica (1).
Nematodes in twigs.....	Prunus persica (peach).....	France (1).
Pestalozzia guepini.....	Rhododendron.....	Holland (2).
Pestalozzia sp.....	Aegle glutinosa.....	Philippine Islands (1).
Phoma sp.....	do.....	Do.
Do.....	Beta (beet seed).....	Japan (1).
Do.....	Diospyros sp. (?) (Mame Gaki-Nale tree).	Do.
Do.....	Fraxinus mandschurica (ash).....	Russia (1).
Do.....	Prosopis juliflora.....	Jamaica (1).
Do.....	Prunus.....	Japan (4).
Do.....	Raspberry.....	England (1).
Do.....	Syringa losika.....	Do.
Phragmidium.....	Raspberry.....	Do.
Phyllachora tricholaenae.....	Tricholaena rosea.....	India (1).
Phyllosticta sp.....	Citrus.....	Java (1).
Do.....	Hedera helix (English ivy).....	Holland (2).
Pseudomonas citri (canker).....	Aegle glutinosa.....	Philippine Islands (1).
Do.....	Citrus decumana.....	Java (1).
Do.....	do.....	Straits Settlements (1).
Do.....	Citrus sp.....	Java (1).
Puccinia graminis.....	Lolium perenne (rye grass).....	Transvaal, South Africa, (1).
Do.....	Secale cereale (rye).....	Do.
Do.....	Wheat.....	Australia (1).
Do.....	do.....	China (1).
Do.....	do.....	Guatemala (1).
Do.....	do.....	India (3).
Do.....	do.....	Transvaal, South Africa (2).
Puccinia phyllostachydis.....	Phyllostachys aurea.....	Japan (1).
Puccinia sp.....	Bambusa vulgaris (bamboo).....	Japan (1).
Sclerotia.....	Cypella platensis.....	England (1).
Sphacelotheca sorghi (smut).....	Andropogon sorghum (broom corn).	Greece (1).
Spongospora subterranea (powdery scab).....	Irish potato.....	Ireland (1).
Tilletia foetens.....	Wheat.....	China (1).
Uromyces hedysari-obscuri.....	Hedysarum boreale.....	Canada (1).
Uromyces lespedezae.....	Lepedeza bicolor.....	Japan (1).
Ustilago hordei (smut).....	Barley.....	New Zealand (2).
Vermicularia sp.....	Lathyrus sylvestris (pea family).	Holland (1).
FLORIDA.		
Insects:		
Earwig (Forficulidae).....	In straw packing of Cycas stems.	Japan (1).
Grubs, white.....	do.....	Do.
Pseudococcus sp. (mealy bug).....	Pineapple slips (plants).....	Cuba (1).
Red spider.....	do.....	Do.
GEORGIA.		
Insects:		
Coccus hesperidum (soft brown scale).....	Evergreen shrubs.....	France (1).
Red spider.....	Pittosporum plants.....	Do.

List, by States, of pests collected—Continued.

State in which collected and name of pest.	Host.	Country of origin.
HAWAII.		
Insect:		
Aspidiotus cyanophylli (scale insect).....	Orchid.....	Canal Zone (1).
ILLINOIS.		
Insects:		
Aphid eggs.....	Apple.....	England (1).
Aphids.....	Barberry.....	France (3).
Borers.....	Malus angustifolia, root of.....	France (1).
Eriosoma lanigera (woolly aphid).....	Apple.....	England (1).
Do.....	Fruit stocks.....	France (1).
Diseases:		
Bacterium tumefaciens (crown gall).....	Rose.....	England (1).
Do.....	do.....	Scotland (1).
Bacterium tumefaciens (hairy root).....	Apple.....	England (1).
INDIANA.		
Insects:		
Agelastica alni (Chrysomelidae).....	Boxwood.....	Holland (1).
Aphids.....	Maple.....	Holland (4).
Do.....	Mountain laurel.....	France (1).
Do.....	Picea excelsa.....	Do.
Chaitophorus aceris (aphid).....	Norway maple.....	Holland (2).
Elaterid larvae (wireworms).....	In soil around clematis.....	Holland (1).
Eriosoma lanigera (woolly aphid).....	Apple.....	France (1).
Do.....	Malus-flowering crab.....	Holland (1).
Lachnus fasciatus (aphid).....	Picea sp.....	France (1).
Lachnus hyalinus (aphid).....	Picea excelsa.....	France (3).
Lachnus sp. (aphid).....	Juniperus virginiana.....	France (1).
Lecanium sp. (scale insect).....	Fraxinus sp.....	Do.
Lepidosaphes ulmi (oyster-shell scale).....	Boxwood.....	Holland (10).
Mamestra sp. (Noctuidae).....	Rhododendron.....	Holland (1).
Notolophus antiqua (European tussock moth) (eggs).....	Boxwood.....	Do.
Do.....	Magnolia.....	Do.
Do.....	Maple.....	Do.
Do.....	Rose.....	Do.
Diseases:		
Bacterium tumefaciens (crown gall).....	Crataegus sp.....	France (1).
Do.....	Cydonia japonica.....	Do.
Do.....	Lonicera.....	France (2).
Do.....	Prunus sp.....	France (1).
Do.....	Rose stocks.....	England (2).
Do.....	Weigelia.....	France (1).
Bacterium tumefaciens (hairy root).....	Apple.....	Do.
Frankia sp. (root knot).....	Elaeagnus.....	Do.
Nectria cinnabarina (coral-spot fungus).....	Maple.....	Holland (2).
Nectria sp.....	do.....	France (1).
Volutella buxi.....	Boxwood.....	Holland (2).
IOWA.		
Insects:		
Aleyrodes sp. (white fly).....	Azalea.....	Belgium (1).
Apatela auricoma (dagger moth).....	Cherry.....	France (1).
Borers.....	Birch, near root portion.....	Do.
Do.....	Bolleana poplars, in roots of.....	Do.
Eriosoma lanigera (woolly aphid).....	Apple.....	Do.
Eriosoma sp.....	Pear.....	Do.
Diseases:		
Bacterium tumefaciens (crown gall).....	Alnus glutinosa.....	Do.
Do.....	Crataegus coccinea.....	Do.
Do.....	Hydrangea.....	Holland (2).
Do.....	Japanese quince.....	France (1).
Do.....	Maple.....	Holland (1).
Do.....	Pear.....	France (3).
Do.....	Prunus pissardi.....	France (1).

List, by States, of pests collected—Continued.

State in which collected and name of pest.	Host.	Country of origin.
IOWA—continued.		
Diseases—Continued.		
Bacterium tumefaciens (crown gall).....	Rose.....	France (2).
Do.....	Snowball.....	France (1).
Exobasidium sp.....	Azalea.....	Belgium (1).
KANSAS.		
Insect:		
Lepidosaphes ulmi (oyster-shell scale).....	Boxwood.....	Holland (1).
Do.....	Mountain ash (Sorbus americana).	Do.
KENTUCKY.		
Insects:		
Aphid eggs.....	Norway maple.....	Holland (1).
Bombus sp.....	Boxwood.....	Do.
Chaitophorus aceris (aphid).....	Norway maple.....	Do.
Chrysomelid (beetle).....	Evergreen shrubs.....	Do.
Leaf hopper, nymph.....	Boxwood.....	Do.
Leaf roller.....	Hypericum patulum.....	France (1).
Lepidosaphes ulmi (oyster-shell scale).....	Beech, purple.....	Holland (1).
Do.....	Boxwood.....	Holland (9).
Do.....	Evergreen shrubs.....	Holland (1).
Pseudococcus sp. (mealy bug).....	Boxwood.....	Do.
Wireworms.....	In dirt surrounding roots of Retinospora sp.	Do.
Disease:		
Volutella buxi.....	Boxwood.....	Belgium (1).
LOUISIANA.		
Insects:		
Aleyrodes sp. (white fly).....	Coconut plants.....	Honduras (1).
Aspidiotus (Hemiberlesia) palmae (scale insect).....	do.....	Do.
Ischnaspis longirostris (scale insect).....	do.....	Do.
Pinnaspis buxi (scale insect).....	do.....	Do.
Pseudococcus virgatus farinosus (mealy bug).....	do.....	Do.
Pseudococcus sp. (mealy bug).....	do.....	Do.
MARYLAND.		
Insects:		
Euproctis chrysorrhoea (brown-tail moth) (nest).....	Fruit stocks.....	France (1).
Lepidosaphes ulmi (oyster-shell scale).....	Boxwood.....	Holland (3).
Disease:		
Exobasidium rhododendri.....	Azalea.....	Belgium (1).
MASSACHUSETTS.		
Insects:		
Bryobia pratensis (clover mite).....	Apple.....	England (1).
Do.....	Plum.....	Do.
Coccus hesperidum (soft brown scale).....	Bay.....	Holland (1).
Lepidosaphes ulmi (oyster-shell scale).....	Boxwood.....	Holland (5).
Do.....	Crataegus.....	England (1).
Do.....	Japanese maples.....	Holland (1).
Disease:		
Bacterium tumefaciens (crown gall).....	Flowering cherry.....	Do.
MICHIGAN.		
Insect:		
Eriosoma lanigera (woolly aphis).....	Apple.....	France (1).
Do.....	Flowering crab tree.....	Do.
MINNESOTA.		
Insects:		
Aphids.....	Barberry.....	France (1).
Do.....	do.....	Holland (2).
Disease:		
Bacterium tumefaciens (crown gall).....	Clematis.....	Holland (1).

List, by States, of pests collected—Continued.

State in which collected and name of pest.	Host.	Country of origin.
MISSOURI.		
Insects:		
<i>Diaspis pentagona</i> (West Indian peach scale) . . .	Japanese flowering cherry . . .	Japan (1).
<i>Eriosoma lanigera</i> (woolly aphis) . . .	Doucin stock . . .	France (1).
<i>Lepidosaphes ulmi</i> (oyster-shell scale) . . .	Boxwood . . .	Holland (2).
<i>Parlatoria</i> sp. (scale insect) . . .	Japanese flowering cherry . . .	Japan (1).
Diseases:		
<i>Bacterium tumefaciens</i> (crown gall) . . .	Pear . . .	France (1).
Do.	Plum . . .	Do.
<i>Exobasidium</i> sp.	Azalea . . .	Belgium (4).
<i>Phyllosticta</i> sp.	<i>Cornus sanguinea</i> . . .	France (1).
Do.	<i>Coronilla emerus</i> . . .	Do.
Do.	Linden . . .	Do.
NEBRASKA.		
Insects:		
<i>Eriosoma</i> sp.	Pear . . .	France (1).
Sawfly cocoon	Quince . . .	Do.
Slugs	Spruce . . .	Holland (1).
NEW HAMPSHIRE.		
Disease:		
<i>Bacterium tumefaciens</i> (crown gall) . . .	Rose . . .	England (1).
Do.	do . . .	Holland (1).
Do.	do . . .	Scotland (1).
NEW JERSEY.		
Insects:		
<i>Antonia crawii</i> (scale insect) . . .	Bamboo . . .	Japan (1).
Aphid eggs	Birch . . .	Holland (1).
Aphids	Apple . . .	France (1).
Do.	do . . .	Holland (1).
Do.	<i>Staphylea colchica</i> (?) . . .	England (1).
<i>Aspidiotus tsugae</i> (hemlock scale) . . .	Hemlock . . .	Japan (2).
<i>Chrysomphalus ficus</i> (Florida red scale) . . .	<i>Olea fragrans</i> . . .	Japan (1).
<i>Coccus hesperidum</i> (soft brown scale) . . .	Bay . . .	Belgium (1).
<i>Epidiaspis piricola</i> (European pear scale) . . .	Apple . . .	France (1).
Do.	Pear . . .	Do.
<i>Gracilaria zachrysa</i> (leaf miner) . . .	Azalea . . .	Japan (3).
<i>Lepidosaphes ulmi</i> (oyster-shell scale) . . .	Apple . . .	France (1).
Do.	do . . .	Holland (3).
Do.	Boxwood . . .	France (1).
Do.	do . . .	Holland (20).
Do.	Pear . . .	France (1).
Do.	do . . .	Holland (2).
Do.	Plum . . .	France (1).
Mites	Boxwood . . .	Holland (1).
<i>Monarthropalpus buxi</i> (box leaf miner) . . .	do . . .	France (1).
Do.	do . . .	Holland (1).
<i>Paratenodera sinensis</i> , egg mass . . .	Pine . . .	Japan (2).
<i>Parlatoria pergandei</i> (chaff scale) . . .	Maple . . .	Japan (1).
<i>Pseudococcus</i> sp (mealy bug) . . .	Azalea . . .	Japan (3).
Do.	Camellia . . .	Holland (1).
<i>Pseudoscorpion</i>	In packing . . .	Japan (1).
Tingitid eggs (lacewing)	Rhododendron . . .	England (1).
Do.	do . . .	Holland (3).
Diseases:		
<i>Bacterium tumefaciens</i> (crown gall) . . .	Peach . . .	England (1).
Do.	Rose . . .	Holland (1).
<i>Botrytis</i> sp.	Scotch broom . . .	England (1).
NEW YORK CITY (FEDERAL INSPECTION).		
Insects:		
<i>Aspidiotus camelliae</i> (greedy scale) . . .	Agave Wightii . . .	Jamaica (1).
<i>Asterolecanium aureum</i> (scale insect) . . .	Orchid . . .	Isle of Pines (1).
<i>Camponotus</i> sp. (ant)	do . . .	Colombia (1).

List, by States, of pests collected—Continued.

State in which collected and name of pest.	Host.	Country of origin.
NEW YORK CITY (FEDERAL INSPECTION)—contd.		
Insects—Continued.		
<i>Cerataphis lataniae</i> (palm aphid).....	<i>Latania borbonica</i>	Cuba (2).
<i>Chrysauginae</i> , larva of (Pyralidae).....	Orchid.....	Brazil (1).
<i>Chrysomphalus ficus</i> (Florida red scale).....	<i>Latania borbonica</i>	Trinidad, B. W. I. (1).
Do.....	Palm seedling.....	Jamaica (1).
<i>Chrysomphalus personatus</i> (masked scale).....	Orchid.....	Canal Zone (1).
<i>Chryso</i> sp. (Theridiidae).....	do.....	Brazil (1).
<i>Coccus elongatus</i> (long scale).....	Croton leaves.....	Costa Rica (2).
<i>Cyphomyrmex salvini</i> , undescribed variety of (fungus-growing ant).....	Orchid.....	Colombia (1).
<i>Dermestes vulpinus</i> (beetle).....	do.....	Do.
<i>Diaspis boisduvalii</i> (scale insect).....	<i>Latania borbonica</i>	Cuba (1).
Do.....	Orchid.....	Mexico (1).
Do.....	Palm seedling.....	Jamaica (1).
<i>Diaspis echinocacti</i> (cacti scale insect).....	Cactus.....	Belgium (1).
<i>Diaspis pentagona</i> (West Indian peach scale).....	Jasmine.....	Jamaica (1).
<i>Diaspis zamiae</i> (scale insect).....	Sago palm.....	Bermuda (1).
<i>Eucalymnatus tessellatus</i> (scale insect).....	Gardenia.....	Belgium (1).
<i>Hemichionaspis minor</i> (white scale of cotton).....	Agave Wightii.....	Jamaica (1).
Do.....	Orchid.....	Canal Zone (1).
<i>Hoplatrinus pallus</i> (Tenebrionidae).....	Pines.....	Cuba (1).
Leaf miners.....	Orchid.....	Colombia (1).
<i>Lepidosaphes gloverii</i> (Glover's scale).....	Croton leaves.....	Costa Rica (1).
<i>Lepidosaphes</i> sp. (scale insect).....	do.....	Costa Rica (3).
<i>Microcentrum</i> sp., eggs.....	Orchid.....	Brazil (1).
Noctuid larva.....	do.....	Colombia (1).
<i>Odontomachus haematoda</i> (ant).....	Orchid (?).....	Do.
<i>Parlatoria crotonis</i> (scale insect).....	Croton leaf.....	Costa Rica (1).
<i>Periplaneta australasiae</i> (Australian roach).....	Orchid.....	Colombia (1).
<i>Pinnaspis buxi</i> (scale insect).....	<i>Dracaena</i> sp.....	Jamaica (1).
<i>Pseudonidia articulatus</i> (scale insect).....	<i>Areca</i> sp.....	Trinidad, B. W. I. (1).
Do.....	Cinnamon.....	Jamaica (1).
Do.....	<i>Pandanus</i> sp.....	Cuba (1).
<i>Pseudischiaspis bowreyi</i> (scale insect).....	Agave Wightii.....	Jamaica (1).
<i>Pseudococcus nipae</i> (palm mealy bug).....	<i>Cocos nucifera</i>	Do.
<i>Pseudoparlatoria parlatorioides</i> (scale insect).....	Orchid.....	Mexico (1).
<i>Pulvinaria pyrifomis</i> (pyriform scale).....	Cinnamon.....	Jamaica (1).
<i>Saissetia hemisphaerica</i> (hemispherical scale).....	<i>Metroxylon sagu</i>	Bermuda (1).
<i>Targionia bifomis</i> (scale insect).....	Orchid.....	Canal Zone (1).
<i>Telephanus</i> sp. (Cucujidae).....	Orchid, but not an orchid in- sect.....	Colombia (1).
<i>Tenthoris bicolor</i> (Capsidae).....	Orchid.....	Colombia (4).
Do.....	do.....	Mexico (1).
Do.....	Wild orchid.....	Do.
<i>Tetramorium guineense</i> (ant).....	Orchid.....	Colombia (1).
<i>Vinsonia stellifera</i> (stellate scale).....	Deciduous wild shrub.....	Jamaica (1).
NORTH CAROLINA.		
Insects:		
<i>Apanteles</i> sp.....	Azalea.....	Holland (1).
<i>Epidiaspis piricola</i> (European pear scale).....	Fruit tree stocks.....	France (1).
Do.....	Pear.....	Do.
<i>Lepidosaphes ulmi</i> (oyster-shell scale).....	Boxwood.....	Holland (1).
<i>Notolophus antiqua</i> (European tussock moth) (cocoon).....	Cherry.....	France (1).
Do.....	Fruit tree stocks.....	France (2).
Disease:		
<i>Bacterium tumefaciens</i> (crown gall).....	Fruit stocks.....	Do.
Do.....	Horse chestnut, root of.....	Holland (1).

List, by States, of pests collected—Continued.

State in which collected and name of pest.	Host.	Country of origin.
OHIO.		
Insects:		
Apatela auricoma (dagger moth).....	Cherry.....	France (1).
Do.....	Rose.....	Do.
Do.....	do.....	Holland (1).
Aulacaspis rosae (rose scale).....	do.....	France (1).
Eriosoma lanigera (woolly aphid).....	Apple.....	Do.
Lepidosaphes ulmi (oyster-shell scale).....	Boxwood.....	Holland (9).
Do.....	Crataegus.....	Holland (1).
Notolophus antiqua (European tussock moth) (eggs).....	Azalea.....	Do.
Do.....	Birch.....	France (1).
Do.....	Cherry.....	Do.
Do.....	Plum.....	Do.
Do.....	Rose.....	Do.
Zeuzera pyrina (leopard moth).....	Paradise apple stock.....	Do.
Diseases:		
Bacterium tumefaciens (crown gall).....	Flowering cherry.....	Holland (1).
Do.....	Pear.....	France (1).
Do.....	Rose stocks.....	England (3).
Twig blight.....	Pear stock.....	Holland (1).
OREGON.		
Disease:		
Myxosporium sp.....	Chestnut.....	Japan (1).
PENNSYLVANIA.		
Insects:		
Aphid eggs.....	Beech.....	France (1).
Do.....	do.....	Holland (1).
Do.....	Birch.....	Do.
Do.....	Cherry.....	Japan (1).
Chionaspis euonymi (euonymus scale).....	Euonymus.....	Holland (1).
Diaspis carueli (Juniper scale).....	Japan Golden Juniper.....	Do.
Do.....	Juniperus reevesiana.....	Do.
Eriophyes buxi (mite).....	Boxwood.....	Do.
Eriosoma lanigera (woolly aphid).....	Apple.....	France (1).
Eriosoma sp.....	Pear.....	Do.
Euproctis chrysorrhoea (brown-tail moth) (nest).....	Paradise apple stocks.....	Do.
Lepidosaphes ulmi (oyster-shell scale).....	Apple.....	England (1).
Do.....	Boxwood.....	Holland (14).
Leptobrysa explanata (Tingitidae) (eggs).....	Rhododendron.....	Holland (5).
Mite eggs.....	Junipers.....	Holland (9).
Do.....	Retinospora.....	Holland (1).
Mites.....	Boxwood.....	Do.
Do.....	Cycas stems.....	Japan (1).
Monarthropalpus buxi (box leaf miner).....	Boxwood.....	Holland (5).
Notolophus antiqua (European tussock moth) (egg mass).....	Plum.....	France (1).
Phyllaphis fagi, eggs.....	Beech.....	Holland (1).
Psylla buxi (box psylla).....	Boxwood.....	Holland (19).
Diseases:		
Bacterium tumefaciens (crown gall).....	Apple.....	France (1).
Do.....	Cytisus laburnum.....	Holland (1).
Do.....	Doucin stocks.....	France (1).
Do.....	Pear.....	Do.
Bacterium tumefaciens (hairy root).....	Apple.....	France (4).
Do.....	Malus spectabilis.....	Holland (1).
Do.....	Paradise apple stocks.....	France (1).
Do.....	Rhododendron.....	Holland (2).
Dendrodochium albo-cinereum.....	Norway maples.....	France (1).
Pestalozzia guepini.....	Andromeda.....	Holland (1).
Do.....	Rhododendron.....	Holland (10).
Pestalozzia sp.....	Kalmia latifolia (?).....	Holland (1).
Do.....	Rhododendron.....	Holland (4).

List, by States, of pests collected—Continued.

State in which collected and name of pest.	Host.	Country of origin.
RHODE ISLAND.		
Insect:		
Red spider.....	Sciadopitys.....	Holland (1).
Do.....	Taxus.....	Do.
Disease:		
Bacterium tumefaciens (crown gall).....	Rose stocks.....	England (2).
TENNESSEE.		
Insect:		
Apatela auricoma (dagger moth).....	Fruit stocks.....	France (1).
UTAH.		
Disease:		
Bacterium tumefaciens (crown gall).....	Fruit stocks.....	France (1).
VERMONT.		
Diseases:		
Corticium vagum, var. solani.....	Irish potato.....	England (3).
Oospora scabies (common potato scab).....	do.....	England (2).
Phyllosticta magnoliae.....	Magnolia.....	Holland (1).
Spongospora subterranea (powdery scab).....	Irish potato.....	England (3).
VIRGINIA.		
Insects:		
Apatela auricoma (dagger moth).....	Plum seedlings.....	France (1).
Eriosoma lanigera (woolly aphis).....	Apple.....	Do.
Disease:		
Bacterium tumefaciens (crown gall).....	do.....	Do.
WASHINGTON (STATE).		
Insect:		
Lepidosaphes ulmi (oyster-shell scale).....	Boxwood.....	Holland (2).
WEST VIRGINIA.		
Insect:		
Eriosoma lanigera (woolly aphis).....	Apple.....	France (1).
WISCONSIN.		
Insect:		
Psylla buxi (box psylla).....	Boxwood.....	Holland (2).
Disease:		
Bacterium tumefaciens (crown gall).....	Syringa.....	France (1).